

- 13.** The method of claim **11**, further comprising:  
evaluating if the catch-up time exceeds a threshold, and if so,  
identifying an average apply rate over a first time period, and  
identifying a redo rate generation rate over a second time period;  
setting a status for a traffic light base on a comparison between the apply rate and the redo rate; and  
dynamically throttling the migrating responsive to the status.
- 14.** The method of claim **13**, wherein the dynamically throttling the migrating comprises:  
determining a sequence of operations corresponding to the migrating the portion of the first primary database to the second primary database; and  
scaling a performance of the sequence of operations based on the traffic light.
- 15.** The method of claim **13**, further comprising determine a sequence of operations corresponding to the activity of the first primary database, and dynamically scaling a performance of the sequence of operations based at least in part on the traffic light.
- 16.** The method of claim **11**, further comprising:  
determining an apply lag trend during the migration of the portion of the first primary database to the second primary database;  
comparing the catch-up time to the apply lag trend;  
providing a traffic light having a status based at least in part on the comparison between the apply lag trend and the catch-up time; and  
dynamically scaling, responsive to at least the status, a selected one or more of:  
the migrating the portion of the first primary database to the second primary database, or  
the activity of the first primary database.
- 17.** A computer readable memory having instructions stored thereon for managing a first primary database, a second primary database, and a standby database, that, in response to execution by a processor, are operable to perform operations including:  
monitor an activity of a selected one or more of: the first primary database, or the second primary database;  
migrate a portion of the first primary database to the second primary database;  
determine a redo data corresponding to the activity, wherein the redo data has an associated redo rate;

- replicate the activity to the standby database based at least in part on the redo data, wherein the replicating has an associated number of operations to perform;  
determine a catch-up time for applying the redo data to the standby database based at least in part on the number of operations; and  
throttle the migration of the portion based at least in part on the catch-up time.
- 18.** The computer readable memory of claim of claim **17**, wherein the catch-up time corresponds to an estimate of time to complete the number of operations, the instructions including further instructions that are operable to perform operations that further comprise:  
evaluate if the catch-up time exceeds a threshold, and if so,  
identify an average apply rate over a first time period, and  
identify a redo rate generation rate over a second time period;  
set a status for a traffic light base on a comparison between the apply rate and the redo rate; and  
dynamically throttle the migration of the portion responsive to the status.
- 19.** The computer readable memory of claim of claim **18**, wherein the operations further comprise:  
determine a sequence of operations corresponding to the migration of the portion of the first primary database to the second primary database; and  
scale performance of the sequence of operations based on the traffic light.
- 20.** The computer readable memory of claim of claim **17**, wherein the operations further comprise:  
determining an apply lag trend during the migration of the portion of the first primary database to the second primary database;  
comparing the catch-up time to the apply lag trend;  
provide a traffic light having a status based at least in part on the comparison between the apply lag trend and the catch-up time; and  
dynamically scale, responsive to at least the status, a selected one or more of:  
the migration of the portion of the first primary database to the second primary database, or  
the activity of the first primary database.

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